REMARKS

Applicant has carefully reviewed and considered the Office Action mailed on July 1, 2003, and the references cited therewith.

Claims 1, 6, and 11 are amended herein, and no claims are cancelled or added; as a result, claims 1-11 remain pending in this application.

Claim Objections

Claims 5 and 10 were objected to under 37 CFR 1.75(d), as not being supported in the disclosure or specification. Applicant respectfully submits that the specification discusses on p. 6, lines 10-11, use of a factor for correction of CRT gamma response, which in claim 5 is further encoded in the digital YUV signal. Applicant submits that the cited portion, and surrounding portions of the specification describe and define the terms of claims 5 and 10 sufficiently well that they are not ambiguous or unclear.

§102 Rejection of the Claims

Claims 1-11 were rejected under 35 USC § 102(e) or under 35 U.S.C. 103(a) as being anticipated by Aleksic et al. (US 6,020,921).

Alkesic describes a system using linear segments to approximate a gamma correction curve (*see, e.g.*, Fig. 1), and employs the linear segments via a network of multiplexers and adders as shown in Figures 3 and 4.

The present invention is distinct from Alkesic in that it employs application of a smooth, nonlinear gamma compensation curve function (*see, e.g.*, 202 of Figure 2 and related description) via a digital processor rather than employing linear segment approximations via simple logic elements. Applicant has amended the claims to more clearly reflect that a smooth, nonlinear gamma correction function is applied, and that the correction function is applied via a digital processor operable to execute software embodying the corrective function. Support for such amendment is provided on p. 7, ln. 4-8, and elsewhere in the specification.

Should any rejections be maintained, applicant respectfully traverses the single reference §103 rejection, and requests pursuant to MPEP §2144.03 that references showing each element

of the pending claims be cited.

Because the cited art fails to teach a digital processor operable to employ software to employ a gamma correction algorithm, and because the cited art fails to teach application of a nonlinear gamma correction algorithm as is recited in the pending claims, the claims as amended are believed to be allowable over the cited art. Reexamination and allowance of claims 1-11 is therefore respectfully requested.

AMENDMENT AND RESPONSE UNDER 37 CFR § 1.111
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<u>*Conclusion*</u>

Applicant respectfully submits that the claims are in condition for allowance and notification to that effect is earnestly requested. The Examiner is invited to telephone Applicant's attorney (612-349-9581) to facilitate prosecution of this application.

If necessary, please charge any additional fees or credit overpayment to Deposit Account No. 50-0439.

Respectfully submitted,

MARK RAPAICH

By their Representatives,

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Date _____Apr 28 '04_____   By_____
                                        John M. Dahl
                                        Reg. No. 44,639

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner of Patents, Washington, D.C. 20231, on this _28_ day of April 2004.

Candy Buending
_____
Name

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Signature